

# Second WMO / MEDARE International Workshop on



## Addressing climate data sources and key records for the Mediterranean Basin in support of an enhanced detection, prediction and adaptation to climate change and its impacts

The Second WMO-MEDARE workshop builds on the results and agreements taken under the First WMO International Workshop on Climate Data Rescue in the Mediterranean Basin and in the experience and activities carried out by the MEDARE Community since its inception, which was endorsed by WMO EC-60 on June 2008. The workshop will focus on the strategies for the development of long-term and high-quality climate databases for the Mediterranean Basin, which can support an enhanced detection, prediction and adaptation to climate change and its impacts over the Mediterranean socio-ecosystems.

The following topics will be addressed:

- ✓ The key role of developing high-quality and long-term climate data and metadata databases in support of an enhanced climate change and climate change impacts research in the Greater Mediterranean Region (GMR)
- ✓ Assessment and definition of a Greater Mediterranean Region reference climatological network to be used by scientists, stakeholders, policy-makers and the general public
- ✓ The implementation of a metadata inventory on a country-by-country basis, targeting the longest and key national climate records, both digitized and non-digitized time series
- ✓ Identification and implementation of WMO-MEDARE projects and funding possibilities at international, European and national scales
- ✓ General discussion and agreement on the WMO/MEDARE data exchange policy.

## Agenda

### Day 1 - 10<sup>th</sup> May 2010

**Session 1:** The key role of developing long, high-quality climate data and metadata for the Greater Mediterranean Region.

**08:30 – 09:00.** Registration. **09:00 – 09:30** Official Opening. **09:30 – 10:00.** WMO climate Data Management and Data Rescue Projects and related international coordination. **10:00 – 10:30.** The WMO MEDARE Initiative: past activities, current status and prospects: identifying the workshop targets. **10:30 – 11:00** Coffee Break. **11:00 – 11:30.** Data availability in the Mediterranean: requirements for climate change detection and modelling research. **11:30 – 12:00.** The development of the Spanish Daily Adjusted Temperature series (SDATS): A case-study discussing from data rescue procedures to daily adjustments application, with a special emphasis on the “screen bias” minimisation **12:00 – 12:30.** Lessons learnt from the Meteo-France data rescue program: problems identified when locating-transferring-homogenising-archiving-disseminating the data. **12:30 – 14:00.** Lunch. **14:00 – 14:30** Targeting southern Mediterranean countries deficiencies and needs on the development of high-quality and long climate records. **14:30 – 15:00.** Mediterranean data repository: the Cyprus Institute initiative. **15:00 – 15:30.** Leveraging the WMO Information System (WIS) for Climate Data. **15:30 – 16:00.** Coffee Break.

**Session 2:** Key Mediterranean climate records at the national, sub-regional and regional levels. The MEDARE Metadata Base Portal. National climate metadata inventories presentations from NMHS

**16:00 – 16:20.** Catalonia. **16:20 – 16:40.** France. **16:40 – 17:10.** Italy.

### Day 2 - 11<sup>th</sup> May 2010

**Session 2: (cont).**

**08:30 – 09:00.** The CCI role on fostering climate data availability, through OPACE 1 and OPACE 2 activities. **09:00 – 09:20.** Andorra. **09:20 – 09:40.** Romania. **09:40 – 10:00.** Slovenia. **10:00 – 10:20.** Croatia. **10:20 – 10:50.** Coffee Break. **10:50 – 11:10.** Bulgaria. **11:10 – 11:30.** Former Yugoslavian Republic of Macedonia. **11:30 – 11:50.** Greece. **11:50 – 12:10.** Armenia. **12:10 – 12:30.** Turkey. **12:30 – 14:00.** Lunch. **14:00 – 14:20.** Cyprus. **14:20 – 14:40.** Syria. **14:40 – 15:10.** Israel. **15:10 – 15:30.** Jordan. **15:30 – 16:00.** Coffee Break. **16:00 – 16:20.** Lebanon. **16:20 – 16:40.** Egypt. **16:40 – 17:10.** Lybia. **17:10 – 17:30.** Morocco

### Day 3 - 12<sup>th</sup> May 2010

**Session 3a:** MEDARE data and metadata exchange policy

**Session 3b:** Long-term programme aimed at undertaking MEDARE projects

**09:00 – 10:30.** Working Groups for selecting/targeting long and key climate records by Mediterranean sub-regions: Western Mediterranean (Morocco, Spain, Andorra, France, Algeria), Central Mediterranean and Balkan countries (Italy, Tunisia, Libya, Slovenia, Croatia, Bosnia-Herzegovina, Serbia, Montenegro, Romania, Bulgaria, Macedonia, Greece) and Eastern Mediterranean (Turkey, Armenia, Syria, Lebanon, Cyprus, Israel, Jordan, Egypt) **10:30 – 11:00.** Coffee Break. **11:00 – 12:30** Round table 1: The definition and adoption of the MEDARE data and metadata exchange policy, with the interventions by Eliot Christian, Serhat Sensoy, Manola Brunet, Sylvie Jourdain, Tania Marinova and Athanasios D. Sarantopoulos on assessing and defining the MEDARE exchange data policy following several available solutions (e.g. WIS, ECA&D templates, MEDARE portal, etc.), discussing the contents and implementation ways. **12:30 – 14:00.** Lunch. **14:00 – 15:30.** Round table 2: Funding possibilities for MEDARE projects, with interventions by Elena Xoplaki, Manola Brunet, Sylvie Jourdain, Sorin Cheval, Avner Furshpan and Eliot Christian on programmes and opportunities to be explored at the international (WMO funds), European (European Commission research programmes: programme, instrument, proposal contents, partners, etc.) and local (local/national opportunities) scales. **15:30 – 16:00.** Coffee Break. **16:00 – 16:15.** Concluding Remarks and Adjourn.